

GENERAL NOTES

See cross sections for special ditches and backslopes.

The removal of Bituminous Surfacing not on a rigid type base removed in conjunction with the base shall be removed as EARTH EXCAVATION. The removal of Bituminous Surfacing on a rigid type base removed in conjunction with the base shall be included in the contract unit price for PAVEMENT REMOVAL of the type specified.

The final top 100 mm (four inches) of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 6 (modified) shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1 (modified). Class 6 (modified) shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Fertilizer Nutrients shall be applied at the rate specified in Sections 250 and 252 of the Standard Specifications. This shall be included in the cost of the SEEDING.

When mulch with emulsified asphalt is applied, it will be the contractor's responsibility to cover or protect all traffic signs, guardrail and curbs. Any signs, guardrail or curbs which become covered with asphaltic material shall be cleaned by the Contractor at his own expense.

Mulch on temporary seeding shall be MULCH METHOD 2.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

The Contractor will be required to furnish 140 mm (5 1/2") high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 150 mm (6") inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

Install a "TO ACTUATE SIGNAL" sign for the traffic signal detector loops. The detail of this sign is included in the plans. This work will be included in the cost of TRAFFIC CONTROL AND PROTECTION STANDARD 701321.

Bituminous and Aggregate prime coat shall be placed in accordance with Section 406 of the Standard Specifications. The cost of the prime coats shall be included in the contract unit price per metric ton (ton) for LEVELING BINDER (MACHINE METHOD) of the type specified.

Temporary tapers shall be constructed on all bridges when the adjacent resurfacing cannot be placed before winter. Quantities have been included in the plans for a 1 to 360 V/H (30' to 1") taper on Interstate and 1 to 240 V/H (20' to 1") taper on all other highways. The taper shall be removed before resurfacing and will be paid for as BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH).

A Nationwide 404 Permit has been issued for this project and the conditions of that permit must be adhered to.

The new number for this structure will be 052-0020 (the same number as the old structure).

The contractor shall submit four copies of the required shop drawings for review and approval to the Bureau of Bridges and Structures, 2300 South Dirksen Parkway, Springfield, IL 62764. After approval of initial submittal, the contractor shall submit one set of shop drawings to Eric Harm, Engineer of Materials, 126 East Ash Street, Springfield, IL 62706, and eight (8) sets of shop drawings to be distributed to:


- District 2 District Engineer (1)
- Fabricator (1)
- Contractor (2)
- Resident Engineer (2)
- District 2 Bureau of Materials (2)

The review and approval of temporary sheet piling will require 4 to 6 weeks. The Contractor shall schedule his work accordingly.

The curb is required on the bridge approach pavement as shown on Standard 420401.

The Contractor shall remove all entrance culverts in condition for reuse which are not to be left in place. They shall be cleaned and stored along the right of way as directed. In no case shall they be roughly handled or shoved by heavy machinery. Unusable material shall be disposed of by the Contractor at his expense. Cost of the work to be included in the contract unit price for EARTH EXCAVATION. These culverts shall become the property of IDOT, District 2.

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS				
Mixture Use(s):	Level Binder (Mach. Meth.)	Mainline (Surface)	Shoulder (Base)	Shoulder (Surface)
PG:	58-22	64-22	58-22	58-22
Max % RAP Allowable	25%	15%	50%	15%
Design Air Voids	4.2% @ N50	4.2% @ N50	2.0% @ N50	4.2% @ N50
Mixture Composition (Gradation Mixture)	IL 9.5	IL 12.5	BAM	IL 9.5 or IL 12.5
Friction Aggregate	N/A	C	N/A	C
20 Year ESAL	N/A	1.90	N/A	N/A

DESIGNED RMB		RANDOLPH & ASSOCIATES, INC. 111 N. PIERCE PARKWAY, P.O. BOX 1111 SPRINGFIELD, ILLINOIS 62764 TEL: 381-870-8844 • FAX: 381-870-8805 • 1-800-851-0021 WWW.RANDOLPH-ASSOCIATES.COM CONSULTING ENGINEERS • LAND SURVEYORS	FILE NUMBER 136.109	F&P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED GJM			DATE	567	12BR-1	LEE	68	8
DRAWN RMB			July 2004	STA.	TO STA.			
CHECKED GJM				FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT	

The proposed pipes for entrances and side roads shall be placed in line with the existing or proposed ditch line.

Where field tile is encountered, storm sewer or pipe drain will be used in accordance with Section 611. The minimum size for replacement will be 150 mm (6") for Pipe Drains and 200 mm (8") for Storm Sewer, but the size must be at least 50 mm (2") larger than the adjoining tile. A Field Tile Junction Vault will be constructed at the right of way to connect the tile and storm sewer.

Guardrail posts may be driven through bituminous shoulders if the shoulder is not damaged as determined by the Engineer. If the shoulder is being damaged, the Contractor shall core holes in the shoulder according to Article 630.06 of the Standard Specifications.

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for Earth Excavation.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type I Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

One 8d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

Salvage existing delineators within the project limits and place one at each end of approach guardrail terminal section. The work shall be included in the contract unit price for EARTH EXCAVATION.

The Resident Engineer shall mark out No Passing zones and contact the Bureau of Operations one or two days before the finish of each resurfacing location so that locations can be painted within the guidelines of Section 703 Work Zone Pavement Marking.

Pavement Marking shall be done according to Standard 780001, except as follows:

- All words, such as ONLY, shall be 8 feet high.
- All non-freeway arrows shall be the large size.
- The distance between yellow no-passing lines shall be 8", not 7" as shown in the detail of Typical Lane and Edge Lines.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 2,000 feet or as directed by the Engineer. Estimated: 1 Each.

The Contractor shall place a PERMANENT SURVEY MARKER, Type I, in the culvert headwall as directed by the Engineer.

The Engineer shall submit to the Survey Crew a description of location, elevation, and coordinates for each permanent survey marker.

The Contractor shall begin fence erection as soon as clearing operations permit. Before removing existing fence from an area that contains livestock, the Contractor shall erect, along the proposed right of way lines, a temporary fence or wire meeting the approval of the Engineer. The Contractor shall concentrate his permanent fencing operations at these locations and at other specific locations as directed by the Engineer. The cost of arranging work as herein specified and erecting any temporary fencing will not be paid for as a separate item but shall be included in the contract unit price per Foot for WOVEN WIRE FENCE.

Right-of-way markers will be erected with the back face of the marker on the right-of-way line unless the new right-of-way line has been surveyed and pinned, in which instance the right-of-way markers will be erected 300 mm (12 inches) inside the new right-of-way line.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

- Commonwealth Edison Company
- US Sprint
- Verizon
- Insight Communications
- NICOR Gas Co.

Following are the known utilities located within the project limits or immediately adjacent to the project construction limits which are not members of JULIE and should be notified individually by the contractor:

Mr. Gerald Miller
Village of Franklin Grove
P.O. Box 206/105 E. South Street
Franklin Grove, IL 61031
(815)-456-2131

The name plate for SN 052-0020 shall indicate a station of 435+60.00 in order to match the future proposed stationing on this route. The Engineer should contact the District 2 Survey Crew prior to stamping stations in the pavement to obtain direction on the correct stationing layout.

GENERAL NOTES

IL 38 OVER FRANKLIN CREEK
F.A.P. RTE 567 (IL RTE 38) SECTION 12BR-1
LEE COUNTY